

### **BRIEF DESCRIPTION OF THE DRAWINGS**

The foregoing and other objects of the present disclosure will be apparent upon consideration of the following detailed description, taken in conjunction with the accompanying exemplary drawings and claims showing illustrative embodiments of the invention, in which:

Figure 1 is a representation of a system in accordance with exemplary embodiments of the present disclosure;

Figure 2 is a flow diagram of an exemplary method in accordance with exemplary embodiments of the present disclosure; and

Figure 3 is an illustration of exemplary maps in accordance with exemplary embodiments of the present disclosure.

Throughout the figures, the same reference numerals and characters, unless otherwise stated, are used to denote like features, elements, components or portions of the illustrated embodiments. Moreover, while the subject disclosure will now be described in detail with reference to the figures, it is done so in connection with the illustrative embodiments. It is intended that changes and modifications can be made to the described embodiments without departing from the true scope and spirit of the subject disclosure.

Please amend page 19, lines 18-19 of the Specification of the above-identified application as follows on a Separate Sheet:

Figure 2-3 shows an exemplary flow chart of an exemplary embodiment of the process according to the present invention for producing at least one haplotyped genome wide map.

Please amend page 30, line 2 of the Specification of the above-identified application as follows on a Separate Sheet:

Exemplary statistics of errors in Haplotype maps are ~~is~~ shown in Figure 3 ~~4~~.